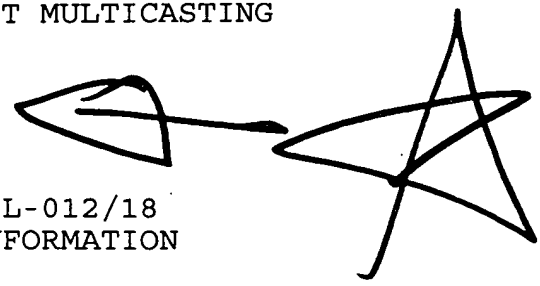


JAPIO

-1- (JAPIO)
AN - 99-127197
TI - DATA FLOW PROTECTING TECHNIQUE FOR INTERNET MULTICASTING
PA - (2198211) SUN MICROSYST INC
IN - AMIT, GUPTA; JAADEKKII, PAUL W
PN - 99.05.11 J11127197, JP 11-127197
AP - 98.06.30 98JP-184064, 10-184064
PR - 97.06.30 97US-885817, US 885817
IC - H04L-012/56; G06F-013/00; G06F-013/00; H04L-012/18
JC - 44.3 (COMMUNICATION--Telegraphy); 45.2 (INFORMATION
PROCESSING--Memory Units)
FKW - R102 (APPLIED ELECTRONICS--Video Disk Recorders, VDR)



-2- (JAPIO)
AN - 98-308759
TI - EQUIPMENT AND METHOD FOR COMMUNICATION
PA - (2000307) TOSHIBA CORP
IN - SAITO, TAKESHI; TAKAHATA, YOSHIAKI; HASHIMOTO, MIKIO
PN - 98.11.17 J10308759, JP 10-308759
AP - 98.03.05 98JP-053321, 10-53321
SO - 98.11.17 SECT. , SECTION NO. ; VOL. 98, NO. 11.
IC - H04L-012/40; H04L-012/28
JC - 44.3 (COMMUNICATION--Telegraphy)
FKW - R102 (APPLIED ELECTRONICS--Video Disk Recorders, VDR)
AB - PROBLEM TO BE SOLVED:To execute IP multicast while effectively
utilizing communication resources by transmitting a 2nd message
concerning the identifier of broadcasting type channel on an
established network to 2nd communication equipment based on a 1st
message containing the securing request of band received from the
2nd communication equipment. SOLUTION:A terminal 103 connected to
a 1st domestic network 105 transmits the 1st message containing
the identifier of network layer multicast data flow(NMD) and the
securing request of band. A video server 101, which receives this
message through a connector 102 and a public network 104,
establishes the broadcasting type channel on the network 105
based on the 1st message. The video server 101 transmits the 2nd
message containing the correspondent relation between the
respective identifiers of this broadcasting type channel and the
NMD to the terminal 103. Thus, the correspondent relation between
the secured channel and the IP multicast can be recognized
synchronously on the sides of transmission and reception.

-3- (JAPIO)
AN - 98-308756
TI - EQUIPMENT AND METHOD FOR COMMUNICATION
PA - (2000307) TOSHIBA CORP
IN - SAITO, TAKESHI; TAKAHATA, YOSHIAKI; HASHIMOTO, MIKIO
PN - 98.11.17 J10308756, JP 10-308756
AP - 97.12.09 97JP-338895, 09-338895
SO - 98.11.17 SECT. , SECTION NO. ; VOL. 98, NO. 11.
IC - H04L-012/40
JC - 44.3 (COMMUNICATION--Telegraphy)
FKW - R102 (APPLIED ELECTRONICS--Video Disk Recorders, VDR)
AB - PROBLEM TO BE SOLVED:To execute IP multicast while effectively

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